



## Photovoltaic WEEE Information Notice

### Regulations in effect as of January 20, 2025



This document outlines the main procedures for the management of photovoltaic (PV) waste, in compliance with the current WEEE regulations (Legislative Decree 49/2014 and subsequent amendments), the decrees related to incentivized systems under the Conto Energia scheme, and the relevant GSE Operational Instructions.

Depending on the type of system from which the PV panels to be disposed of originate, it is possible to identify the main procedures for managing PV waste:

#### 1. Historical PV panels from before 2005, belonging to the period prior to the introduction of incentive mechanisms under the Conto Energia.

##### ▪ PV Panels from Household Plants (< 10 kW total power)

Private individuals can either deliver photovoltaic panels directly to municipal collection centers independently or rely on the Installer/Distributor. The Installer/Distributor is required to ensure authorized transport and deliver the waste to municipal collection centers that accept waste from distribution.

Collection and disposal costs: NONE

Find the municipal collection center here: <https://www.cd craee.it/centri-di-raccolta-comunali/>

Find the municipal collection center open to distribution here: <https://www.cd craee.it/centri-di-raccolta-comunali-aperti-alla-distribuzione/>



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- **PV Panels from Professional Plants ( $\geq 10$  kW total power)**

**Replacement with New Panels:**

The producer of the new PV panels, in compliance with the “one-for-one” provision (Article 24 of Legislative Decree 49/2014 and subsequent amendments), is obligated to bear, at no cost, the collection and disposal of used PV panels, regardless of the brand or model of the panels to be disposed of.

**Simple Disposal:**

In the case of disposal without replacement or with replacement using PV panels available in stock, the holder of the PV waste shall be responsible for the costs associated with disposal.

## 2. Historical PV Panels belonging to the period of validity of the I, II, III, and the first part of the IV Conto Energia until 30/06/2012.

- **PV Panels from Household Plants ( $< 10$  kW total power)**

Private individuals can directly deliver photovoltaic (PV) panels to municipal collection centers independently, or they can rely on the Installer/Distributor, who is responsible for ensuring authorized transport and delivering the waste to municipal collection centers that accept waste from distributors.

Collection and disposal costs: NONE

Find the municipal collection center here: <https://www.cdcaee.it/centri-di-raccolta-comunali/>

Find the municipal collection center open to distribution here: <https://www.cdcaee.it/centri-di-raccolta-comunali-aperti-alla-distribuzione/>

In the case of an incentivized system, it is necessary to submit the *Allegato 8.1*, the “Declaration of Waste Delivery,” to the GSE, signed by both the Responsible Party of the System and the municipal collection center. Additionally, the installer or maintainer delivering domestic waste to the municipal collection center open to distribution must also provide the Responsible Party with the transport documents related to the waste.

- **PV Panels from Professional Plants ( $\geq 10$  kW total power)**

**Replacement with New Panels:**



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The producer of the new PV panels, in compliance with the “one-for-one” provision (Art. 24 of Legislative Decree 49/2014 and subsequent amendments), is required to take responsibility, free of charge, for the collection and disposal of used PV panels, regardless of the brand or model of the panels to be disposed of.

#### **Simple Disposal:**

In the case of disposal without replacement or with the replacement of photovoltaic panels available in stock, the holder of the photovoltaic waste will be responsible for the disposal costs.

### **3. PV panels of plants incentivized under the IV or V Conto Energia that started operation after June 30, 2012.**

#### **▪ PV Panels from Household Plants (< 10 kW total power)**

Private individuals can directly deliver photovoltaic panels to municipal collection centers independently, or they can rely on the Installer/Distributor, who is obligated to ensure authorized transport and dispose of the waste at municipal collection centers that accept waste from distribution sources.

Collection and disposal costs: NONE

Find the municipal collection center here: <https://www.cdcaee.it/centri-di-raccolta-comunali/>

Find the municipal collection center accepting distribution waste here: <https://www.cdcaee.it/centri-di-raccolta-comunali-aperti-alla-distribuzione/>

In the case of an incentivized plant, it is necessary to send the GSE (Gestore dei Servizi Energetici) the *Allegato 8.1*, the “Declaration of Waste Delivery,” signed by both the Responsible Entity of the plant and the municipal collection center. Furthermore, the installer or maintainer who delivers domestic waste to a municipal collection center open to distribution must also provide the Responsible Entity with the relevant transport documents for the waste.

#### **▪ PV Panels from Professional Plants (≥ 10 kW total power)**

- Refer to the producer of the PV panels (N.B. – the first to introduce PV panels to the Italian market).
- The Collective System will be responsible for managing the PV panel waste.
- Collection and disposal costs: Net of the Trust fee already paid.



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- In the case of replacement with new panels, the producer of the old panels is responsible for the collection and disposal of the panels through their own collective system.
- To verify if the PV panels in the system are registered and guaranteed under PV CYCLE ITALIA CONSORZIO, a check can be done directly on our website by uploading a .CSV file containing the serial numbers of the PV panels. To proceed with the verification, visit the following link: <https://registeritaly.pvcycle.org/search-certificates-step-1/>
- To use the collection and disposal service for registered and guaranteed PV panels under PV CYCLE ITALIA CONSORZIO, it is necessary to complete the waste management request form available at the following link: <https://pvcyclegroup.it/richiesta-di-ritiro-rifiuti-fv/>, along with an Excel file containing the serial numbers of the PV panels to be disposed of.
- Collection, transportation, and disposal of the panels will be carried out directly by PV CYCLE ITALIA CONSORZIO, net of the Trust fee paid.

According to the current GSE Operational Instructions, the disposal documentation must be submitted within 180 days from the replacement notification. The documentation includes the Waste Form (FIR), completed by the Consortium, and *Allegato 8.1*, which must be filled out and signed by the Responsible Party and countersigned by the Consortium.

#### 4. Non-incentivized PV panels installed after the closure of the IV Conto Energia (between 06/07/2013 and 11/04/2014)

##### ▪ PV Panels from Household Plants (< 10 kW total power)

Private individuals can directly deliver the PV panels to the municipal collection centers independently, or they can rely on the Installer/Distributor, who is required to ensure authorized transport and dispose of the waste at municipal collection centers that accept waste from distribution.

Collection and disposal costs: NONE

Find the municipal collection center here: <https://www.cdcaee.it/centri-di-raccolta-comunali/>

Find the municipal collection center open to distribution here: <https://www.cdcaee.it/centri-di-raccolta-comunali-aperti-alla-distribuzione/>

##### ▪ PV Panels from Professional Plants (≥ 10 kW total power)



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#### **Replacement with New Panels:**

The producer of the new photovoltaic panels, in compliance with the “one-for-one” provision (Article 24 of Legislative Decree 49/2014 and subsequent amendments), is required to take responsibility, free of charge, for the collection and disposal of used photovoltaic panels, regardless of the brand or model of the panels to be disposed of.

#### **Simple Disposal:**

In the case of disposal without replacement or with replacement using photovoltaic panels available in stock, the holder of the photovoltaic waste will be responsible for the costs related to disposal.

#### **5. PV panels installed between the entry into force of the new WEEE Directive (Legislative Decree 49/2014 and subsequent amendments) and the entry into force of the Collegato Ambientale (Law 221, December 28, 2015), i.e., between April 12, 2014, and February 1, 2016, inclusive.**

##### **▪ PV Panels from Household Plants (< 10 kW total power)**

Private individuals can deliver photovoltaic panels directly to municipal collection centers independently or rely on an Installer/Distributor, who is obligated to ensure authorized transportation and deliver the waste to municipal collection centers that accept waste from distribution sources.

Collection and disposal costs: NONE

Find the municipal collection center here: <https://www.cdcaee.it/centri-di-raccolta-comunali/>

Find the municipal collection center open to distribution here: <https://www.cdcaee.it/centri-di-raccolta-comunali-aperti-alla-distribuzione/>

##### **▪ PV Panels from Professional Plants (≥ 10 kW total power)**

- Refer to the Producer of the PV panels (Note: the first to introduce PV panels in the Italian market);
- The Producer’s Collective System will handle the disposal of the PV waste;
- Pickup and disposal costs: NO;
- In the case of replacement with new panels, it is the manufacturer of the old panels who must take responsibility for the pickup and disposal through their own Collective System.



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#### 6. PV panels installed since the entry into force of the Collegato Ambientale (Law 221, December 28, 2015), i.e., from February 2, 2016, to the present.

##### ▪ PV Panels from Household Plants (< 10 kW total power)

Private individuals can either deliver photovoltaic panels directly to municipal collection centers on their own or rely on the Installer/Distributor, who is required to ensure authorized transportation and deliver the waste to municipal collection centers that accept waste from distribution.

Collection and disposal costs: NONE

Find the municipal collection center here: <https://www.cdcaee.it/centri-di-raccolta-comunali/>

Find the municipal collection center open to distribution here: <https://www.cdcaee.it/centri-di-raccolta-comunali-aperti-alla-distribuzione/>

##### ▪ PV Panels from Professional Plants (≥ 10 kW total power)

- Refer to the Manufacturer of the PV panels (editor's note: the first to introduce PV panels to the Italian market);
  - Its Collective System will manage the disposal of PV panel waste;
  - Collection and disposal costs: Net of the Trust fee already paid;
  - In the event of a replacement with new panels, the manufacturer of the old panels is responsible for the collection and disposal of the panels through its own collective system.
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- To check whether the PV panels of the system are registered and guaranteed with PV CYCLE ITALIA CONSORZIO, you can verify this directly on our website by uploading a .CSV file containing the serial numbers of the PV panels. To proceed with the verification, visit the following link: <https://registeritaly.pvcycle.org/search-certificates-step-1/>.
  - To use the collection and disposal service for PV panels registered and guaranteed with PV CYCLE Italia, you must complete the waste management request form available at the following link: <https://pvcyclegroup.it/richiesta-di-ritiro-rifiuti-fv/> along with an Excel file containing the serial numbers of the PV panels to be disposed of.
  - The collection, transport, and disposal of the panels will be carried out directly by PV CYCLE ITALIA CONSORZIO, net of the Trust fee paid.



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#### **7. PV Panels Incentivized under the Conto Energia (Legislative Decree 118/2020 and subsequent amendments), also known as the “Consortium Option”**

With Legislative Decree No. 118/2020 and subsequent amendments, the so-called “Consortium Option” was introduced, allowing the Responsible Party to choose whether to pay the financial guarantee to the GSE or to the Trust of a Collective System. In the case of the Consortium, a financial guarantee of €10.00 per panel is retained, which will be refunded to the holder upon proper management of the waste. The guarantee retained by the GSE, however, is double the amount retained by the Collective System. This guarantee also covers the costs of disassembling photovoltaic panels, as confirmed by ruling RG 13131/2022 of the Lazio Regional Administrative Court (TAR).

For older incentivized professional plants under the “Conto Energia” scheme, the notification of adherence to the “Consortium Option” must be made by June 30, 2025. After this date, the GSE will open two 60-day windows during which it will be possible to transfer the guarantee quotas.

To adhere to the option provided by Legislative Decree No. 118/2020, the amount to be paid for each individual panel to the Collective System is €10, as indicated in paragraph 5.1.1 of the GSE Operating Instructions. It is not possible to transfer amounts lower than this sum.

The Responsible Party must complete Annex 8.3, titled “Declaration of Participation in a Collective System for the Management of Photovoltaic WEEE,” and submit it to the GSE, confirming that the financial guarantee has been paid into the trust of a Collective System.

PV CYCLE ITALIA is the only certified and guaranteed public trust for managing the guarantees required by Legislative Decree No. 118/2020, ensuring transparency and reliability for our clients.